



A WINSTON INDUSTRIES INNOVATION

# HOLD & SERVE DRAWER Owner's Manual

HBL Series  
HBL5W1



**WINSTON INDUSTRIES**  
THE TASTE OF INNOVATION

# CVap hold & serve drawer

## welcome

Thank you for your purchase of a Winston CVap® hold & serve drawer. The benefits you will enjoy from this appliance include longer hold times, better quality food, quicker service, higher productivity, and safer food temperatures.

This CVap hold & serve drawer utilizes Controlled Vapor (CVap) technology. Using a combination of dry and moist heat, CVap hold & serve drawers keep foods hot and maintain texture, whether moist or crisp, throughout long serving periods. The two sets of electronic differential control keys are easy to understand and reliable. **The controls never need field calibration.** The FOOD TEMP

keys allow precise control of food temperature from off/100 to 210°F (32 to 99°C). The FOOD TEXTURE keys maintain just cooked texture. Set texture near the Food Temp for moist foods, or set higher for crisp foods.

CVap hold & serve drawers are built with durable stainless steel construction and full insulation. They are designed for high volume usage.

If you have any questions, or if anything held in your CVap hold & serve drawer doesn't meet your satisfaction, please call our Customer Service Center at 1-800-234-5286 or 502-495-5400, or email us at [CustomerService@winstonind.com](mailto:CustomerService@winstonind.com).

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# CVap hold & serve drawer

## safety

Please read this entire use & care manual before operating your appliance. The manual contains important safety information and operating instructions.

**As is the case with many appliances, your CVap hold & serve drawer should be used with caution. Please read the following warnings to avoid injuries.**

### **⚠ DANGER**

#### **Electrical Hazard**

Can cause serious injury or death. Do not attempt to install or service this appliance unless you are a licensed electrician or trained servicer.

1. Because this appliance utilizes high voltage, it should only be installed and serviced by a licensed electrician or trained servicer. Attempting to install or service the appliance yourself could result in serious, potentially fatal injuries.
2. If an electrical shock is felt when touching appliance, shut off power immediately (either pull power cord or turn off circuit breaker) and call a trained servicer for repair. Failure to do so could result in serious, potentially fatal injuries.
3. Always turn power switch off any time appliance is not in use.

### **⚠ WARNING**

#### **Burn Hazard**

Can cause serious injury. Avoid heated vapor when opening or closing appliance drawer(s).

4. This appliance utilizes heated water vapor, which transfers heat much more quickly

and efficiently than dry air of the same temperature. Use caution when opening drawers or reaching into the appliance, as heated vapor can quickly cause burns.

### **⚠ WARNING**

#### **Contamination Hazard**

Can cause serious illness or damage to appliance. Clean appliance daily to avoid potential contamination hazard.

5. Clean appliance daily to prevent buildup of food residue or chlorides, which can also damage stainless steel and contaminate food. **Failure to follow proper cleaning procedures can void your warranty.**

### **⚠ CAUTION**

#### **Burn Hazard**

Can cause injury. Allow 30 minutes for appliance to cool before attempting to clean.

6. **Prior to using appliance for the first time, perform the daily cleaning procedure listed on pages 12 through 14.**

### **⚠ CAUTION**

#### **High Temperature and Grease Hazard**

Can cause damage to appliance. Avoid placing appliance near high heat or in grease laden atmosphere.

7. Always allow appliance to cool before cleaning, to avoid potential burns.
8. Don't place appliance in areas where air temperature exceeds 100°F (38°C). A heat shield may be required to prevent heat and grease laden vapors from affecting the appliance if near devices such as grills, steamers, ovens, etc. Excess heat and grease inside the appliance cavities may cause electrical components to fail.

# CVap hold & serve drawer

## receiving your appliance

### Shipping Damage

Examine equipment thoroughly for shipping damage before, during and after unloading. All Winston products are carefully inspected and verified to be in good condition before leaving our factory. The carrier delivering your cabinet has assumed responsibility for its safe arrival. If you notice any damage (obvious or hidden), a claim must be made to the carrier.

### Obvious Loss or Damage

Please note any obvious loss or damage on the freight bill or express receipt, and have the carrier's agent sign to acknowledge the claim. The carrier will supply the necessary forms. If you do not obtain and complete the forms before the carrier's agent departs, the carrier might refuse your damage claim.

### Concealed Loss or Damage

Sometimes loss or damage is not obvious until the product has been unpacked. If you notice damage that was concealed by packaging or crating, contact the carrier in writing to notify them of the damage. The

carrier should agree to inspect the damage within 15 days. Please retain all packing materials. The carrier will supply an inspection report and the required claim forms.

## ⚠ CAUTION

### High Temperature Hazard

Can cause damage to appliance.

Fill evaporator with water prior to turning power on, and do not allow evaporator to run dry.

### Water Supply

In order to operate properly, the evaporator in this cabinet must be filled with clean, potable water. As water evaporates, minerals in the water will deposit on the surface of the evaporator. These mineral deposits will inhibit the transfer of heat. Deposits can also degrade and damage stainless steel. To avoid mineral deposits clean the appliance daily. It is advisable to contact your water utility for advice on minimizing deposit buildup.

Model	Height with 1/2" Feet (IN / MM)	Width (IN / MM)	Depth (IN / MM)	Weight (LBS / KG)
HBL5W1	13.7"/348	24.5"/622	30.5"/775	90 lb/41

# CVap hold & serve drawer

## electrical

The appliance is shipped from the factory with a 84" (2134mm) power cord and plug. Refer to the table below to determine the correct electrical outlet. It may be necessary

for a licensed electrician to install the correct outlet or wiring. Winston does not recommend wiring the appliance direct.

Below is electrical information for various models of Winston's CVap® hold & serve drawers.

Model	Volts	Hertz	PH	Amps	Watts	Circuit Amp	Plug Type
HBL5W1	120	60	1	13.1	1572	US 15 /CAN 20	US 5-15P/CAN 5-20P
INTERNATIONAL	230	50	1	7.5	1717	N/A	N/A

## ventilation requirements

**Ventilation clearances** - To operate properly, the appliance will need sufficient space for air circulation. Allow at least 2" (51mm) clearance on all sides, particularly around ventilation holes. Care should be taken to prevent placing the appliance close to anything combustible. It must be installed with its supplied feet or legs. Countertop appliances supplied without feet or legs may be placed directly upon a counter top of non-combustible material. In this situation, the appliance may have to be sealed to the counter top with a food-grade silicone sealant (check local health codes). Appliances may be stacked upon each other using only a Winston supplied stacking kit and following the instructions enclosed with the kit. Your warranty may be void if you do not adhere to these ventilation requirements.

## ⚠ CAUTION

### High Temperature and Grease Hazard

Can cause property damage.

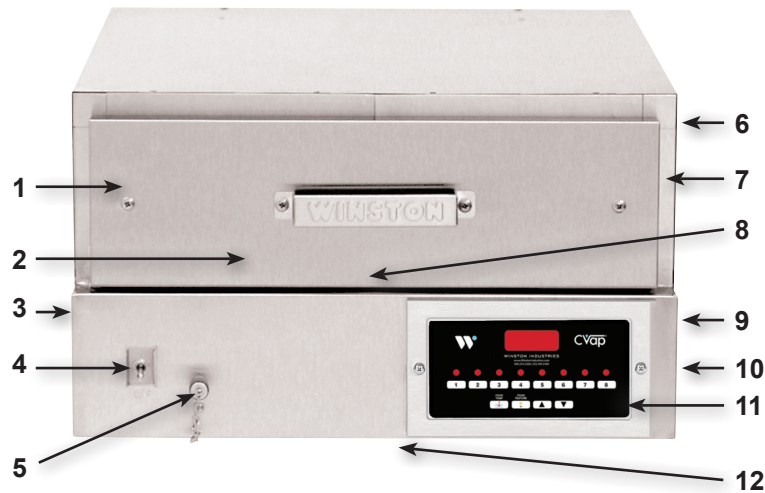
Avoid placing appliance near high heat or in grease laden atmosphere.

Do not place appliance in an area where ambient temperature (air temperature around the appliance) exceeds 100°F (38°C). A heat shield may be required to prevent excessive heat exposure and grease laden vapors from affecting the appliance if adjacent to heat, vapor, or grease generating devices (such as grills, steamers, ovens, etc.). Excess heat and grease inside the appliance cavities may cause electrical components to fail.

**Vent hood** - Generally this appliance does not need to be installed under a mechanical ventilation system (vent hood). Check local health and fire codes for requirements specific to your location.

# CVap hold & serve drawer

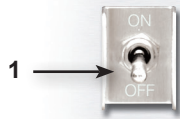
## component identification



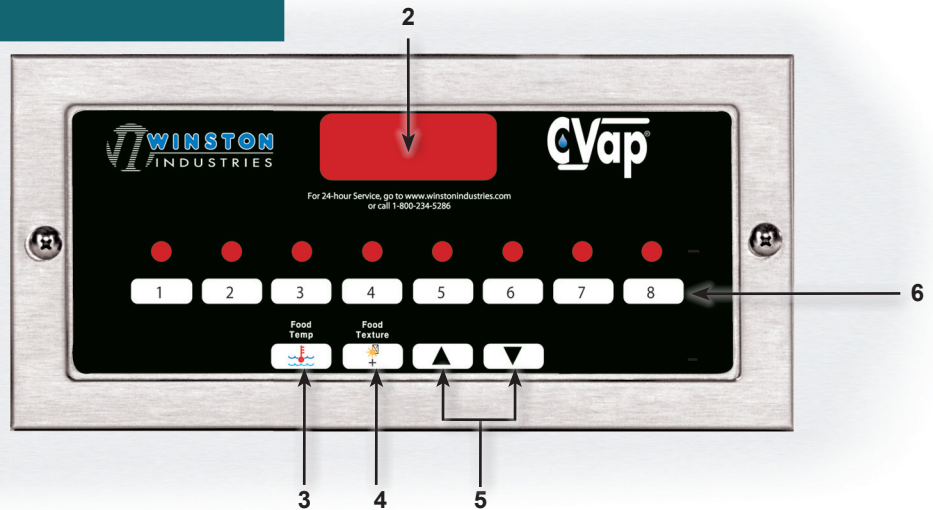
1. **Drawer(s)** 4" (102mm) deep for holding one full size, two half size, or three third size steam table pans. Optional perforated tray allows multiple small pans to be held.
2. **Food chamber** - (not visible in photo) holding cavity where the dual heat system combines to create the perfect holding environment.
3. **Name Plate** (not visible in photo) identifies model and serial numbers (important for servicing and ordering parts), voltage, power, and electrical information. **Electrical Requirements Label** identifies that appliance is for use with an individual branch circuit only.
4. **Power Switch** allows operator to turn electrical power on and off.
5. **Drain Cap** is removable for draining water from evaporator.
6. **Access panel** provides easy access for service.
7. **Drawer Gasket** seals food chamber against heat or vapor loss.
8. **Evaporator** (not visible in photo) located inside the base, supplies vapor to food chamber to control food temperature.
9. **Air Heaters** (not visible) - Located inside the base, supply heat for precise food texture control.
10. **NEMA 5-15P Plug (US) and power cord** (not visible in photo) - Located on back side, lower right-hand corner, provides electricity to appliance. 5-20P plugs are available for Canadian customers.
11. **Control panel** - contains power switch and control escutcheon. Allows operator to program food temperature and food texture. Escutcheon is removable for servicing or replacing microprocessor.
12. **Bottom cover** (not visible in photo) located underneath, allows service access.

# CVap hold & serve drawer

## controls



Some details have been omitted for clarity.



1. **Power Switch** controls electrical power to the appliance.
2. **Digital LED Readout** shows time remaining on selected channel.
3. **Food Temp Key** controls the temperature of the water in the evaporator, which directly controls the temperature of the food being held. Allows food temperature to be set in a range from off/100 to 210°F (38 to 99°C). Use in conjunction with up and down arrow keys to select food temperature.
4. **Food Texture Key** controls the air temperature within the food chamber. The “+” temperature scale indicates the number of degrees that the air temperature is elevated above the Food Temp setting. A texture setting at or near the food temp setting will provide a moist texture. Elevating the texture setting will deliver a progressively drier and crisper texture. Use in conjunction with up and down arrow keys to select food texture. For detailed guidelines on settings, see information on [page 11](#).
5. **Up and Down Arrow Keys** allow operator to select food temperature and food texture when used with those respective keys.
6. **Timer Channel Keys.** The HBL controller allows the user to set a single food temperature and texture for the entire appliance. The eight channel keys allow the setting of eight different timed cycles for the set temperature. A red light illuminates over the selected timer channel.

# CVap hold & serve drawer

## daily operating procedures

### **WARNING**

#### **Contamination Hazard**

Can cause serious illness.

Clean appliance prior to first use, to remove traces of industrial chemicals and oils.

Prior to using appliance for the first time, please perform the daily cleaning procedure listed on [pages 12 through 14](#).

### **CAUTION**

#### **High Temperature Hazard**

Can cause damage to appliance.

Fill evaporator with water prior to turning power on, and do not allow evaporator to run dry.

### **CAUTION**

#### **Corrosion Hazard**

Can cause damage to appliance.

Avoid placing food directly on perforated tray.

Do not place food directly on perforated tray. Place food in steam table pan(s) and then place the pan(s) on the tray. Failure to do so may void your warranty.

Please make certain evaporator has an adequate supply of water prior to turning on power switch. Water level should be approximately 1" (2.5 cm) from overflow.

The HBL controller allows the user to set a single food temperature and texture for the entire appliance. The eight channel keys allow setting of eight different timed cycles for the set temperature.

1. Fill evaporator to within 1" (25mm) of overflow with water. **NOTE:** For locations with hard water, add one tablespoon (15ml) of white vinegar or lemon juice to water to help minimize scale buildup. Consider contacting your water authority for advice on possible water treatment to protect the appliance. Some water supplies are high enough in chemical content to be capable of damaging stainless steel (if used untreated).
2. Toggle **Power Switch** on. Allow 30 minutes for warm-up. LED will display LOAD when appliance reaches selected operating temperature.
3. Insert food and select corresponding channel; i.e., press key #1 to select channel #1 (a buzzer will sound and the light over the channel key will illuminate). To start a timer, press the desired key. The controller will begin counting down from the programmed time. The time remaining will display. If multiple timers are running, the channel with the least remaining time will display, while the red light that channel flashes. The red lights for other running timers will be lit, but won't blink. To view the time for a running timer, press its key. The display will switch for five seconds and its red light will flash. The controller then returns to the least remaining time.
4. When the countdown is complete, a buzzer sounds for five seconds. Press flashing key to stop buzzer. Remove food.

To cancel a countdown that has not expired, press its key once. Then, within five seconds, press the key two more times. The red light will turn off and the controller will return to the least remaining time. The timer cannot be resumed from the point where it was stopped.




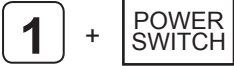



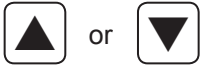



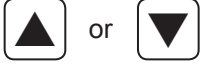
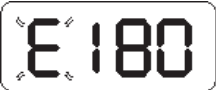

# CVap hold & serve drawer

## hbl programming







These appliances are factory programmed to hold crisp foods. The default settings are: Timer = 30 minutes, Food Temp = 100°F (38°C), Food Texture = 90°F (32°C). Actual air temperature would be 190°F (100 + 90 = 190 (38 + 32 = 70°C)). To change the factory default settings, follow the procedure below.

The controller allows the user to set a single food temperature and texture for the entire appliance. The eight channel keys allow the user to set eight different timed cycles for the set temperature.

Note: The computer displays shown below are examples only. Your display may have a different appearance.

COMPUTER DISPLAY	PRESS KEY/ACTION	NOTES
<p>STEP 1</p> 		<p>Press and hold the #1 key while turning on the power switch. <b>IMMEDIATELY RELEASE #1 KEY</b> after turning on the power. The first two digits of the display will flash, indicating you are in the programming mode.</p>
<p>STEP 2</p> 		<p>Select the channel you would like to program (channel 3 is selected in the following examples).</p>
<p>STEP 3</p> 		<p>Use arrow keys to adjust the hold timer. Maximum is 60 minutes.</p>
<p>STEP 4</p> 		<p>Press the Food Temp key to program food temperature.</p>
<p>STEP 5</p> 		<p>Use arrow keys to adjust Food Temperature setting. Hold either key down for fast scrolling (off, 100 to 210°F (off, 32 to 99°C)).</p>
<p>STEP 6</p> 		<p>Press Food Texture key to program food texture.</p>

# CVap hold & serve drawer

COMPUTER DISPLAY	PRESS KEY/ACTION	NOTES
<b>STEP 7</b> 	 or 	Use arrow keys to adjust the Food Texture setting. Hold either key down for fast scrolling (0 to 210°F (32 to 99°C)). 300°F (149°C) maximum when added to Food Temp setting.
<b>STEP 8</b> 		To exit programming, press and hold the #1 channel key for 3 seconds until the software ID# and JF00 appear. The cabinet will then start heating to the set temperature.
<b>STEP 9</b> 		Programming is complete.

**TO SET DIFFERENT HOLDING TIMES** for each of the other 7 channels, repeat steps 2 and 3, then skip to step 8.

## OTHER PROGRAMMING FEATURES

### REBOOT PROCEDURE

On rare occasions, a power interruption may occur, making it necessary to reboot the controller software. To reboot, press and hold the #8 channel key while turning on the power switch.

### CHANGING FROM FAHRENHEIT TO CELSIUS

Press and hold the #9 key (hidden - located directly beneath the #1 key) while turning on the power switch. Repeat to switch from CELSIUS back to Fahrenheit. LED display will indicate which temperature scale is currently active.

## holding guidelines - HBL series

PRODUCT	FAHRENHEIT		CELSIUS	
	Food Temp F°	Food Texture F°	Food Temp C°	Food Texture C°
<b>BREAD PRODUCTS</b>				
Biscuits	140-150	+10	60-66	+6
Rolls	140-150	+10	60-66	+6
Danishes	140-150	+10	60-66	+6
Croissants	140-150	+10	60-66	+6
White/Wheat Bread	140-150	+10	60-66	+6
French/Italian Bread	140-150	+10	60-66	+6
Pancakes/Waffles	140-150	+10	60-66	+6
French Toast	140-150	+10	60-66	+6
Fruit Pies	140-150	+15	60-66	+8
Gingerbreads	140-150	+15	60-66	+8
<b>DAIRY &amp; EGG PRODUCTS</b>				
Eggs (Benedict, Fried, Scrambled, Poached)	150-160	+4	66-71	+3
Omelets	150-160	+10	66-71	+6
Puddings/Custards	140-150	+4	60-66	+3
<b>MEATS</b>				
Beef (Prime Rib, Roasts, Steaks, BBQ)	145-150	+14	63-66	+8
Pork (Roasts, Chops, BBQ, Bacon, Ham, Sausage)	140-150	+14	60-66	+8
Lamb & Veal	140-150	+14	60-66	+8
Hamburger Patties	150-160	+10	66-71	+6
Hot Dogs	150-160	+10	66-71	+6
<b>POULTRY</b>				
Chicken				
Fried, Soft	150-160	+14	66-71	+8
Fried, Crisp	130-140	+50	54-60	+28
Roasted	150-160	+14	66-71	+8
BBQ	150-160	+14	66-71	+8
Turkey, Goose, Duck	150-160	+14	66-71	+8
<b>SEAFOOD &amp; SHELLFISH</b>				
Fish, Fried	130-140	+50	54-60	+28
Fish, Broiled/Baked	150-160	+14	66-71	+8
Shrimp, Fried	130-140	+50	54-60	+28
Fish/Shrimp in Sauce/Gravy	150-160	+4	66-71	+3

PRODUCT	FAHRENHEIT		CELSIUS	
	Food Temp F°	Food Texture F°	Food Temp C°	Food Texture C°
<b>VEGETABLES</b>				
Vegetables, Unbreaded	150-160	+4	66-71	+3
Vegetables, Breaded	130-140	+50	54-60	+28
Potatoes, Baked	150-160	+14	66-71	+8
<b>STARCHES</b>				
Spaghetti	140-150	+4	60-66	+3
Rice	140-150	+4	60-66	+3
Lasagna	150-160	+10	66-71	+6
Beans	140-150	+14	60-66	+8
Soups & Sauces	140-150	+4	60-66	+3
Cooked Cereals	150-160	+10	66-71	+6
Casseroles	150-160	+4	66-71	+3
<b>CRISP TEXTURED FOODS</b>				
Pizza	130-140	+60	54-60	+33
Pastry Shells	130-140	+60	54-60	+33
Crisp Breadings	130-140	+60	54-60	+33
Crisp, Dry Foods	130-140	+60	54-60	+33
French Fries	100	+60	38	+33
<b>PREPARED FOODS</b>				
Seafood in Sauce	150-160	+14	66-71	+8
Hamburgers in Buns	150-160	+10	66-71	+6
Cheeseburgers in Buns	150-160	+10	66-71	+6
Open Sandwich w/Sauce/Gravy	150-160	+4	66-71	+3
Plated Foods	150-160	+4	66-71	+3
Entrees	140-150	+14	60-66	+8
Corn Dogs	140-150	+40	60-66	+22

### Notes

1. The recommendations in this chart should be regarded as starting points. If user desires a more firm/dry textured product, increase the **Food Texture** setting; for a more soft/moist textured product, decrease the **Food Texture** setting.
2. The holding time for very crisp foods may be less than for other products.
3. Use a thermometer to assure compliance with local health codes.

# CVap hold & serve drawer

## daily cleaning

### Required Cleaning Accessories & Supplies

- Pan for draining evaporator
- Food grade germicidal detergent
- Descaling agent (ScaleKleen™)  
(available through Winston Customer Service 1-800-234-5286)

**This appliance utilizes high voltage electrical systems, high temperature heating systems, and hot water vapor. If used improperly, any of these hazards are capable of causing serious injury or death. To avoid the potential for an accident, please have appliance installed by a licensed electrician, and serviced only by trained servicers. Please make this page available to the servicer.**

## **! DANGER**

### **Electrical Hazard**

Can cause serious injury or death.  
Disconnect appliance and contact licensed electrician or trained servicer.

**If an electrical shock is felt during operation or cleaning, unplug appliance and have it serviced before placing back into service.**

## **! WARNING**

### **Contamination Hazard**

Can cause serious illness or damage to appliance.  
Clean appliance daily to avoid potential contamination hazard.

**Ensure safe operation by cleaning appliance daily. Failure to do so can allow harmful deposits to develop, increasing the potential for food contamination, and endangering your customers.**

## **! CAUTION**

### **Corrosion Hazard**

Can cause damage to appliance.  
Clean appliance daily to avoid potential corrosion damage.

Clean evaporator daily to prevent chlorides (salts) from accumulating. Chlorides can cause the evaporator tank to corrode, to the extent that leaks can occur. Leaks caused by corrosion, which is caused by a failure to clean daily, are not covered under the manufacturer's warranty.

## **! WARNING**

### **Contamination Hazard**

Can cause serious illness.  
Clean appliance prior to first use, to remove traces of industrial chemicals and oils.

Prior to using appliance for the first time, perform the daily cleaning procedure listed on the following page.

# CVap hold & serve drawer

## daily cleaning procedure

### ⚠ CAUTION

#### **Burn Hazard**

Can cause injury.

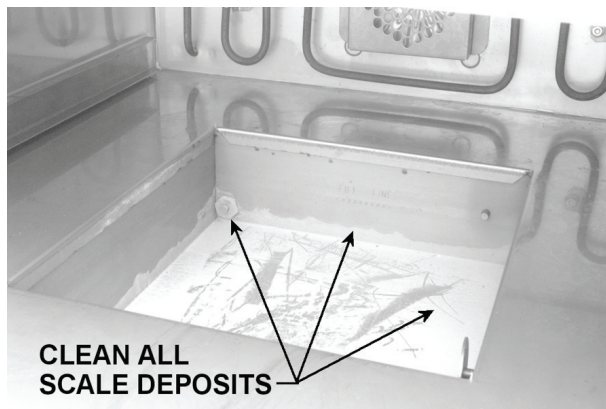
Allow 30 minutes for appliance to cool before attempting to clean.

Before each cleaning procedure, disconnect appliance from its electrical power source and allow to cool for at least one half hour.

1. Place empty pan under drain cap, remove cap and allow evaporator to drain.
2. Remove drawer(s) and wash using a food-grade germicidal agent. Rinse and allow to dry.
3. Spray food chamber and evaporator with a food grade germicidal detergent.

**NOTE:** To ensure that drawer(s) opens and closes easily, check drawer rollers (both on the drawer and inside the appliance cavity) to make sure they are fastened tightly, in good operating condition, and not excessively worn.

4. Wipe inside surfaces to remove all food deposits.
5. Inspect for scale build-up on the tank surface, water level sensor, and probe (see photo at right). If present, apply descaling agent. Read ALL warnings and follow directions listed on descaling agent package.



6. Wipe down all outside surfaces with mild detergent, in particular where the drawer seals. Also clean the gasket. This procedure will prolong gasket life.

### ⚠ CAUTION

#### **Leaking Hazard**

Can cause damage to appliance.

Use care when cleaning plastic tube. Damage to tube can cause leaking inside the appliance.

7. Use pipe cleaner or spring to gently clean out the trough drain hole (see photo below). Be careful not to push too hard or you may damage the plastic tube that connects to the drain (not visible in photo). If using a pipe cleaner, be sure to bend the end back on itself so the sharp edge of the wire is not exposed.



# CVap hold & serve drawer

8. Inspect heating elements (if exposed).  
The elements are stainless steel. If cleaning is needed, scrub with Teflon™ or nylon bristle brush to remove heavy food particles. Further cleaning may be done with a plastic scouring pad and alkaline based cleansers. **DO NOT** use wire brushes, scrapers, steel wool pads or chloride based cleansers. Follow cleanser manufacturer's instructions for use on stainless steel. Rinse well with clean water and wipe immediately.

## **WARNING**

### **Electrical Hazard**

Can cause serious personal injury or damage to appliance.

Avoid spraying appliance exterior or controls with water.

9. Rinse all inside surfaces, including evaporator, and dry with clean towel.  
**Do not spray outside of appliance or controls with water.**
10. Replace drawer(s).
11. Verify O-ring is on drain pipe and replace drain cap.
12. Reconnect appliance to electrical power and make ready for use.

# CVap hold & serve drawer

## troubleshooting

We know how frustrating and costly it can be when a critical piece of equipment is down for repairs. It is our goal to minimize service disruptions, to get you back up and operating in the shortest time possible.

We carefully analyze all service calls. This analysis helps us to improve our manufacturing processes, and reduces product service issues. Generally speaking, most equipment failures can be attributed to the following three causes:

- Faulty use and care practices.
- Electrical supply problems.
- Equipment faults.

Please refer to the Troubleshooting Chart on the next page for common problems and solutions. If the problem you're experiencing isn't listed, or if the standard solution fails to

resolve your problem, you will need a qualified servicer to diagnose and repair the problem.

If your equipment is still under warranty, or you are uncertain whether or not warranty is still in place, please call Winston Customer Service at 1-800-234-5286 (or 502-495-5400). Our friendly staff will help you verify coverage, and if under warranty, will arrange for a servicer to call on you.

If your equipment is no longer under warranty, you can call our Customer Service line at 1-800-234-5286, or visit our website at **www.winstonind.com**, and click the Service tab to locate an authorized servicer near you.

In order to expedite service, please have the complete model and serial number (found on the appliance's identification tag) on hand when you contact us.

**Service parts may be purchased directly from the factory online.**  
Visit **www.winstonind.com**

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**Please have the following information on hand when contacting Winston Industries regarding product service.**

1. Model \_\_\_\_\_ Serial # \_\_\_\_\_  
(located on name plate)
2. Your name \_\_\_\_\_
3. Company name \_\_\_\_\_
4. Company address \_\_\_\_\_  
\_\_\_\_\_
5. Company phone \_\_\_\_\_
6. Type of problem \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## troubleshooting

TROUBLE	FAULT CODE
Digital display fails to light.....	A
Digital display reading inconsistently .....	J
Flooding/leaking water .....	C, H, I
Food drying out .....	B, E, F, H
Food excessively moist .....	D, G
Food not hot enough .....	E, G, H
Food too hot .....	D, F
Injury or accident.....	K

FAULT	CORRECTION
A. Circuit breaker tripped.....	Adjust
Fuse blown.....	Replace
Power cord not plugged in .....	Plug in
Faulty cordset.....	Call servicer
Faulty power switch .....	Call servicer
B. Evaporator (water) tank empty.....	See <a href="#">page 8</a>
C. Drain pipe o-ring defective or missing .....	Replace
D. Food Temp setting too high .....	See <a href="#">page 9-10</a>
E. Food Temp setting too low .....	See <a href="#">page 9-10</a>
F. Food Texture setting too high .....	See <a href="#">page 9-10</a>
G. Food Texture setting too low .....	See <a href="#">page 9-10</a>
H. Drawer gasket defective .....	Replace
I. Drain cap defective or missing.....	Replace
J. Faulty microprocessor controller.....	Call servicer
K. Injury or accident, call manufacturer.....	1-800-234-5286



# CVap hold & serve drawer

## troubleshooting

### **DANGER**

#### Electrical Hazard

Can cause serious injury or death.

Do not attempt to install or service appliance unless you are a licensed electrician or trained servicer.

This appliance utilizes high voltage electrical systems, high temperature heating systems, and hot water vapor. If used improperly, any of these hazards are capable of causing serious injury or death. To avoid the potential for an accident, please have appliance installed by a licensed electrician, and serviced only by trained servicers. Please make this page available to the servicer.

#### SERVICE PARTS

Bumpers  
Bottom Asm, w/Bumpers  
Controller, 120V  
Drain Cap  
Drawer Asm  
Evap Plug  
Fan 2.75", Plastic  
Fan, Aluminum  
Gasket  
Heater, Water, 120V  
Before 8/26/02  
(600 watts, 24 Ohms)  
Heater, Water, 120V  
After 8/26/02  
(600 watts, 24 Ohms)  
Heater, Air, 120V  
Before 8/26/02  
(840 watts, 17.1 Ohms)

#### PART NUMBER

PS2670-4  
01960W13  
PS2716  
PS1654  
07231W12  
PS2878  
PS2188  
PS2544  
PS2725  
PS2198  
  
PS2706  
PS2197

#### SERVICE PARTS

Heater, Air, 120V  
After 8/26/02  
(840 watts, 17.1 Ohms)  
High Limit, 120V  
Motor Asm HB 120V  
Motor, Blower  
O-Ring Drain Pipe  
Power Cord, 20 Amp  
Power Switch, Toggle  
Probe, Air  
Probe, Water  
Relay 30Amp, Solid State  
Rollers  
Strain Relief  
Tank Asm

#### PART NUMBER

PS2705  
  
PS2730  
PS2704  
PS2196  
PS1280-3  
PS1595  
PS2304  
PS2472  
PS2440  
PS2649  
PS2181-2  
04022k01  
PS2879

**Service parts can be purchased on-line  
directly from the factory at  
[www.winstonind.com](http://www.winstonind.com).**

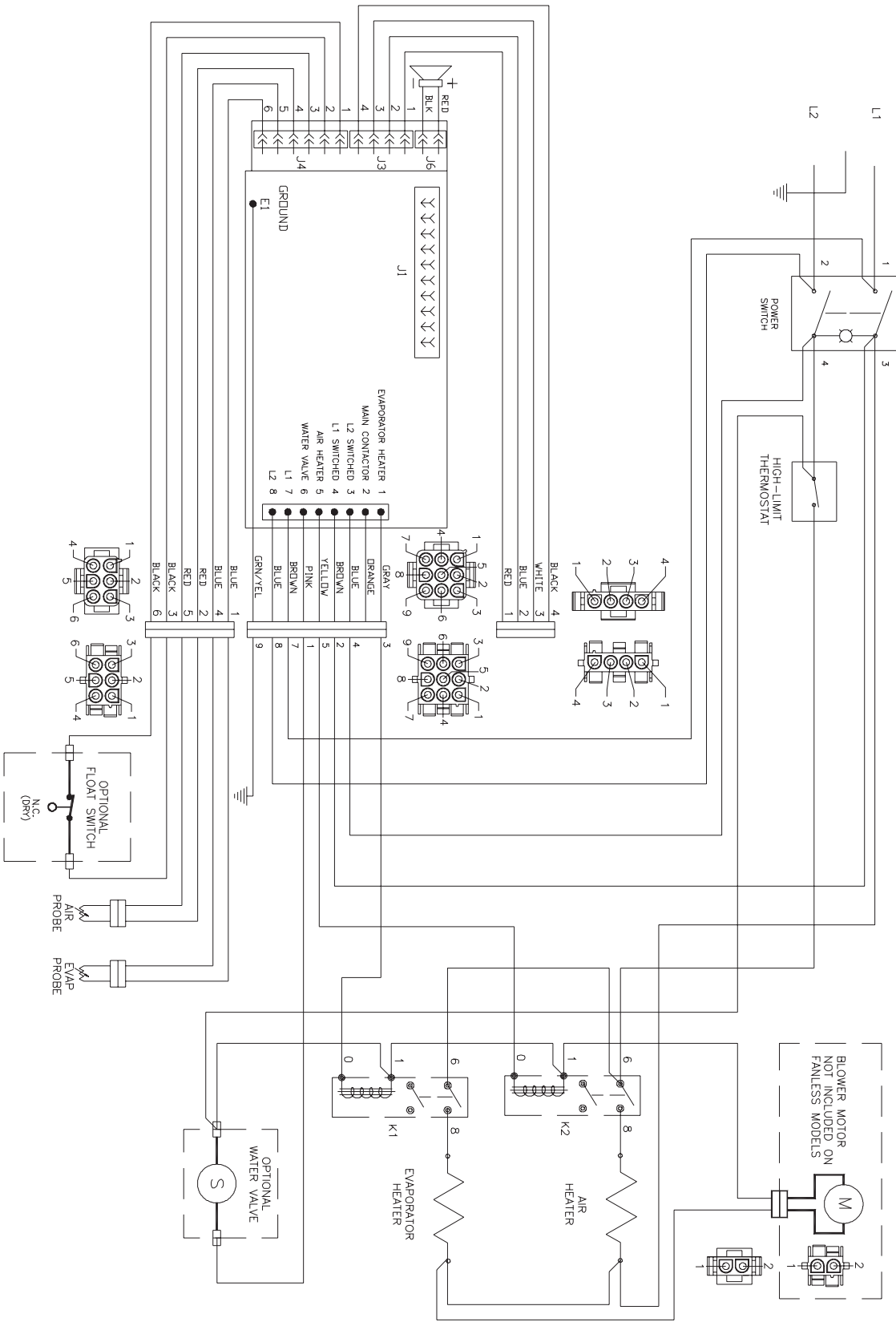
Prices subject to change without notice.  
F.O.B. Louisville, KY, USA

(800) 234-5286 or (502) 495-5400 Fax (502) 495-5458  
[www.winstonind.com](http://www.winstonind.com)  
All sales subject to Company's Terms and Conditions

Winston Products Company  
2345 Carton Drive  
Louisville, KY 40299

# CVap hold & serve drawer

## circuit diagram - HBL series



# CVap hold & serve drawer

## Warranty and Terms and Conditions

Limited 1 year Warranty (excluding gaskets, lamps, hoses, power cords, glass panels, fryer baskets, batteries, and evaporators). Warranty disclaimer for failure to clean.

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